

WHAT IS CLAIMED IS

1. Plasma panel comprising two plates leaving a sealed space between
5 them, which space is filled with discharge gas and is divided into discharge cells
that are bounded between these plates by barrier ribs forming an array, the said
cells being distributed in rows and columns, characterized in that the barrier rib
portion that separates any two adjacent cells of the same column includes a
cavity that is made in the thickness of the said rib and emerges at the top of the
10 said rib, and also includes a notch that brings the two said cells into
communication with each other through the said cavity.

2. Plasma panel according to Claim 1, wherein that the depth of the said
cavities is greater than or equal to one third of the height of the said barrier ribs.
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3. Plasma panel according to either of Claim 1, wherein that the maximum
width of the cavities, measured in the direction of the said rows, is greater than
or equal to 50 μm .

20 4. Plasma panel according to Claim 1, wherein that the maximum width of
the cavities, measured in the direction of the said rows, is greater than or equal
to twice the width of the notches measured in the same direction.

5. Plasma panel according to Claim 1, wherein that the said barrier ribs
25 have a porosity that is greater than or equal to 25% and in that the width of the
notches, measured in the direction of the said rows, is less than 60 μm .

6. Plasma panel according to Claim 1, characterized in that the height of
the said barrier ribs is greater than or equal to 120 μm .